

Converting Colors

XYZ(14.1698, 17.7033, 23.9477)

Have a look what the booklet for
XYZ(14.1698, 17.7033, 23.9477)
contains.

XYZ(14.1869, 17.7348, 23.7945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1869, 17.7348,
23.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7D82
RGB	74, 125, 130
RGB Percent	29%, 49%, 51%
CMY	0.7098, 0.5098, 0.4902
CMYK	0.43, 0.04, 0.00, 0.49
HSL	185°, 27%, 40%
HSV	185°, 43%, 51%
XYZ	14.1869, 17.7348, 23.7945
YIQ	110.3210, -32.0010, -9.2570

Conversions

Conversions Part 2

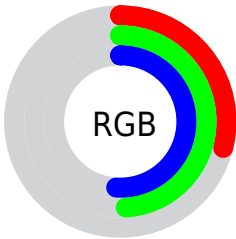
Format	Color
R_{YB}	74, 101, 130
Decimal	4881794
CIE _{Lab}	49.17, -15.69, -8.10
CIE _{LCh}	49, 17.657, 207.307
Yxy	17.7348, 0.2546, 0.3183
Android (android.graphics.Color)	4283071874 (0xFF4A7D82)
YUV	110.3210, 9.7017, -31.8535
Hunter-Lab	42.1127, -13.5643, -4.0211

Details

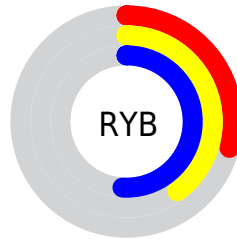
The XYZ color **14.1869, 17.7348, 23.7945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.2382, 10.8324, 7.8721**, and the grayscale version is **14.8932, 15.6688, 17.0634**.

A 20% lighter version of the original color is **33.0718, 39.6953, 50.7186**, and **4.3789, 5.9224, 8.6969** is the 20% darker color. If you saturate the color by 10%, you get **13.1418, 16.9796, 23.7041**, and if you desaturate by 10%, it is **15.4417, 18.6014, 23.8960**.

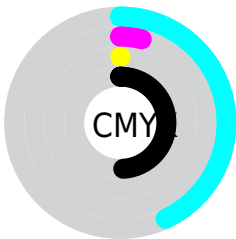
Distribution



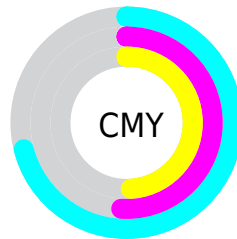
- Red (29%)
- Green (49%)
- Blue (51%)



- Red (29%)
- Yellow (40%)
- Blue (51%)



- Cyan (43%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1869, 17.7348, 23.7945 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.1869, 17.7348, 23.7945 by changing the saturation by 10% instead.

■ 14.1869, 17.7348,
23.7945

■ 14.1869, 17.7348,
23.7945

■ 211.8779,
239.3720, 285.0329

■ 8.3333, 10.7598,
14.9705

■ 33.0038, 39.5849,
50.6343

■ 4.3626, 5.9055,
8.6523

■ 46.6978, 55.2288,
69.4871

■ 1.9092, 2.7877,
4.4214

■ 63.7361, 74.5310,
92.5199

■ 0.5822, 1.0219,
1.8592

■ 84.4839, 97.8761,
120.1512

■ 0.0000, 0.0000,
0.4666

■ 109.3066,
125.6483, 152.7997

■ 0.0000, 0.0000,
0.0000

138.5696,

158.2321, 190.8837

172.6383,
196.0118, 234.8220

■ 14.1869, 17.7348,
23.7945

■ 14.1869, 17.7348,
23.7945

■ 13.1418, 16.9796,
23.7041

■ 15.4417, 18.6014,
23.8960

■ 12.2919, 16.3272,
23.6230

■ 16.9163, 19.5835,
24.0078

■ 11.6234, 15.7709,
23.5508

■ 18.6221, 20.6874,
24.1310

■ 11.1202, 15.3022,
23.4869

■ 20.5692, 21.9182,
24.2659

■ 10.7627, 14.9112,
23.4303

■ 22.7672, 23.2810,
24.4131

■ 10.5546, 14.6623,
23.3932

■ 25.2252, 24.7803,
24.5729

■ 27.9516, 26.4207,
24.7459

■ 30.9546, 28.2062,
24.9322

■ 34.2422, 30.1411,
25.1324

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.8766, 17.7348, 18.8856



14.1869, 17.7348, 23.7945



15.1972, 17.7348, 28.0288

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.1869, 17.7348, 23.7945



19.6753, 17.7348, 24.6562



17.0062, 17.7348, 11.5698

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.1869, 17.7348, 23.7945



13.2382, 10.8324, 7.8721

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.6322, 17.7348, 12.6178



14.1869, 17.7348, 23.7945



20.2349, 17.7348, 19.7411

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.1869, 17.7348, 23.7945



18.3570, 17.7348, 28.5807



19.8414, 17.7348, 15.4279



15.4399, 17.7348, 12.2984

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.1869, 17.7348, 23.7945



16.1676, 17.7348, 29.6216



19.8414, 17.7348, 15.4279



17.5645, 17.7348, 11.7214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.1874, 17.7355, 23.7949



32.7243, 36.3868, 42.4911



12.2062, 17.9811, 10.1614



7.2710, 8.1488, 9.6080



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1874, 17.7355, 23.7949



23.1264, 29.8894, 41.7428



11.1592, 11.6791, 22.7855



4.4147, 4.8233, 5.5116



10.1226, 14.0637, 22.4310



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.3568, 11.1244, 20.7407



25.5268, 16.7658, 35.3729



15.6653, 15.6866, 8.6811



4.4821, 4.4060, 5.3434



11.9864, 5.8143, 17.0500



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1869, 17.7348, 23.7945 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.1869, 17.7348, 23.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

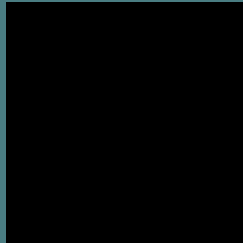
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1869, 17.7348, 23.7945

Background



This preview shows how black text looks on a background with the XYZ color 14.1869, 17.7348, 23.7945.



This preview shows how white text looks on a background with the XYZ color 14.1869, 17.7348,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.1869, 17.7348, 23.7945

Protanopia

17.0859, 17.6590, 21.5768

Deuteranopia

17.8157, 17.4693, 24.2627



Tritanopia

14.4124, 17.6324, 25.1980

Trichromacy



Original Color

14.1869, 17.7348, 23.7945

Protanomaly

15.7295, 17.4667, 22.2810

Deuteranomaly

16.0515, 17.2448, 23.9553

Tritanomaly

14.3429, 17.6046, 24.8324

Monochromacy



Original Color

14.1869, 17.7348, 23.7945

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2714, 16.0872, 19.1826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1869, 17.7348, 23.7945 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(74, 125, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 125, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.1869, 17.7348, 23.7945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 125, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(74, 125, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(74, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(74, 125,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1869, 17.7348, 23.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 125, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 125,  
130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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